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TOWNSEND and TOWNSEND and CREW LLP

By: Ronlyn Rhodes

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FIKES *et al.*

Application No.: 09/458,302

Filed: December 10, 1999

For: INDUCING CELLULAR IMMUNE
RESPONSES TO
CARCINOEMBRYONIC ANTIGEN
USING PEPTIDE AND NUCLEIC ACID
COMPOSITIONS

Examiner: Schwadron, Ronald B.

Art Unit: 1644

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

AMENDMENT

Box SEQUENCE
Assistant Commissioner for Patents
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Sir:

In response to the Notice to Comply with Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, 37 C.F.R. §§ 1.821-
1.825, that accompanied the Examiner's Communication mailed March 15, 2001, Applicants submit
herewith the required paper copy and computer readable copy of the Sequence Listing. Also
submitted herewith is a fee authorization to extend the time for response for two months from April
15, 2001 to June 15, 2001.

Please amend the specification in adherence with 37 C.F.R. §§ 1.821-1.825 as
follows.

06/20/2001 JBALINAN 00000087 09458302

01 FC:216 195.00 CH

06/20/2001 JEPHINE 09000087 09458302

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195.00 CH

Please amend the specification as follows. A marked up version of the amendments
is attached hereto (Appendix A). Please replace the paragraph beginning at page 51, line 3, with the